



SEQUENCE LISTING

<110> Diamond, Scott L.

<120> PEPTIDE SCAFFOLDS FOR TRANSFER OF MOLECULES INTO EUKAROTYIC CELLS

<130> PENN-0754

<140> US 09/763,982

<141> 2001-04-25

<150> PCT/US99/20122

<151> 1999-09-01

<150> US 60/098,791

<151> 1998-09-01

<160> 19

<170> PatentIn version 3.3

<210> 1

<211> 42

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide

<400> 1

Asn Gln Ser Ser Asn Phe Gly Pro Met Lys Gly Gly Asn Phe Gly Gly
1 5 10 15

Arg Ser Ser Gly Pro Tyr Gly Gly Gly Gly Gln Tyr Phe Ala Lys Pro
20 25 30

Arg Asn Gln Gly Gly Tyr Gly Gly Gly Cys
35 40

<210> 2

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide

<400> 2

Val Lys Lys Gly Lys Cys Arg Pro Gly Lys Gly Tyr Gly
1 5 10

<210> 3
 <211> 38
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Synthetic peptide

<400> 3

Asn Gln Ser Ser Asn Phe Gly Pro Met Lys Gly Gly Asn Phe Gly Gly
 1 5 10 15

Arg Ser Ser Gly Pro Tyr Gly Gly Gly Gly Gln Tyr Phe Ala Lys Pro
 20 25 30

Arg Asn Gln Gly Gly Tyr
 35

<210> 4
 <211> 39
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Synthetic peptide

<400> 4

Tyr Asp Arg Arg Gly Arg Pro Gly Asp Arg Tyr Asp Gly Met Val Gly
 1 5 10 15

Phe Ser Ala Asp Glu Thr Trp Asp Ser Ala Ile Asp Thr Trp Ser Pro
 20 25 30

Ser Glu Trp Gln Met Ala Tyr
 35

<210> 5
 <211> 13
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Synthetic peptide

<400> 5

Cys Gly Tyr Gly Pro Lys Lys Lys Arg Lys Val Gly Gly
 1 5 10

<210> 6
 <211> 8

<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic peptide

<400> 6

Pro Pro Lys Lys Lys Arg Lys Val
1 5

<210> 7
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic peptide

<400> 7

Ser Cys Lys Arg Pro Arg Pro
1 5

<210> 8
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic peptide

<400> 8

Ser Val Thr Lys Lys Arg Lys Leu
1 5

<210> 9
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic peptide

<400> 9

Pro Pro Lys Lys Ala Arg Glu Asp
1 5

<210> 10
<211> 8
<212> PRT
<213> Artificial Sequence

<220>

<223> Synthetic peptide

<400> 10

Val Ser Arg Lys Arg Pro Arg Pro
1 5

<210> 11

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide

<400> 11

Pro Ala Ala Lys Arg Val Lys Leu
1 5

<210> 12

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide

<400> 12

Arg Lys Thr Lys Lys Lys Ile Lys
1 5

<210> 13

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide

<400> 13

Ile Arg Lys Asp Arg Arg Gly
1 5

<210> 14

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide

<400> 14

5

Ala Val Lys Arg Pro Ala Ala Thr Lys Lys Ala Gly Gln Ala Lys Lys
1 5 10 15

Lys Lys Leu Asp
20

<210> 15
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic peptide

<400> 15

Thr Arg Gln Ala Arg Arg Asn Arg Arg Arg Arg Trp Arg Glu Arg Gln
1 5 10 15

<210> 16
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic peptide

<400> 16

Ala Leu Gly Ile Ser Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Pro
1 5 10 15

<210> 17
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic peptide

<400> 17

Met Asp Ala Gln Thr Arg Arg Arg Glu Arg Arg Ala Glu Lys Gln Ala
1 5 10 15

Gln Trp

<210> 18
<211> 18
<212> PRT
<213> Artificial Sequence

<220>

<223> Synthetic peptide

<400> 18

Gly Thr Ala Lys Ser Arg Tyr Lys Ala Arg Arg Ala Glu Leu Ile Ala
1 5 10 15

Glu Arg

<210> 19

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide

<400> 19

Gly Gly Gly Cys
1